

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

| 1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other | | 5. LEASE DESIGNATION AND SERIAL NO. NM-12690 | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|---------------|-------------------------|----------------------------------|-----------------|--|------------------|--|---------|------|-----|---------|------------------|---|--------|----|------|-----|-------------------------|---|--------|-------------|------|--------|-------------------|---|
| b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. NAME OF OPERATOR Mesa Petroleum Co. | | 7. UNIT AGREEMENT NAME | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. ADDRESS OF OPERATOR 1000 Vaughn Bldg., Midland, Texas 79701 | | 8. FARM OR LEASE NAME Yates Federal Com | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State and Federal laws) At surface 1980' FML and 1995' FEL At top prod. interval reported below Same At total depth same | | 9. WELL NO. 1-Y | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14. PERMIT NO. JUL 18 1979 O.C.C. ARTESIA, NEW MEXICO JUL 17 1979 U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO | | 10. FIELD AND POOL, OR WILDCAT Undesignated Cisco - C... | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15. DATE SPURRED 1-30-79 | | 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 20, T17S, R27E | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16. DATE T.D. REACHED 3-9-79 | | 12. COUNTY OR PARISH Eddy | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17. DATE COMPL. (Ready to produce) 6-30-79 | | 13. STATE NM | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3384.5 GR | | 19. ELEV. CASINGHEAD 3384 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20. TOTAL DEPTH, MD & TVD 9230' | | 21. PLUG BACK T.D., MD & TVD 9169' | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22. IF MULTIPLE COMPL., HOW MANY* dual | | 23. INTERVALS DRILLED BY ROTARY TOOLS A11 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Cisco 7662' - 7784' | | 25. WAS DIRECTIONAL SURVEY MADE No | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CNL-FDC, DLL-Rxo | | 27. WAS WELL CORED No | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28. CASING RECORD (Report all strings set in well) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>13-3/8"</td><td>54.5</td><td>354</td><td>17-1/2"</td><td>375 sx Class "C"</td><td>-</td></tr><tr><td>8-5/8"</td><td>24</td><td>1700</td><td>11"</td><td>400 sx HLW + 200 sx "C"</td><td>-</td></tr><tr><td>4-1/2"</td><td>10.5 - 11.6</td><td>9230</td><td>7-7/8"</td><td>1200 sx Class "H"</td><td>-</td></tr></tbody></table> | | | | CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED | 13-3/8" | 54.5 | 354 | 17-1/2" | 375 sx Class "C" | - | 8-5/8" | 24 | 1700 | 11" | 400 sx HLW + 200 sx "C" | - | 4-1/2" | 10.5 - 11.6 | 9230 | 7-7/8" | 1200 sx Class "H" | - |
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| 29. LINER RECORD | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 30. TUBING RECORD | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 2-3/8" | 8863' | 8857' | | | | | | | | | | | | | | | | | | | | | | | | | |
| 31. PERFORATION RECORD (Interval, size and number) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7662'---7784', 0.40" entry, 29 holes Perforation at 2 foot intervals 7662-66, 72-76, 85-93, 7701, 7708-10, and at 7716, 23, 25, 30, 38, 42, 46, 50, 55, 62, 67, 70, 78, 81, and 84. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 33.* PRODUCTION | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE FIRST PRODUCTION 5-3-79 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WELL STATUS (Producing or shut-in) shut-in | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DATE OF TEST 6-20-79 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HOURS TESTED 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHOKE SIZE 15/64 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROD'N. FOR TEST PERIOD → | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OIL—BBL. 6.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAS—MCF. 24.3' | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WATER—BBL. trace | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAS-OIL RATIO 3610 cuft/bbl | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLOW. TUBING PRESS. 779 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CASING PRESSURE 940 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CALCULATED 24-HOUR RATE → | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OIL—BBL. 160 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GAS—MCF. 584 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WATER—BBL. trace | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OIL GRAVITY-API (CORR.) 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TEST WITNESSED BY J. DAVIS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 35. LIST OF ATTACHMENTS Form 9-330 (Morrow), C-122, C-107, C-102, BHP, and Inclination Report | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SIGNED <u>R. P. Morrow</u> TITLE <u>Regulatory Coordinator</u> DATE <u>July 12, 1979</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | |

*(See Instructions and Spaces for Additional Data on Reverse Side)